

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A device (~~D~~) for the management of communications between communication terminals (~~TMi~~, ~~TFi~~, ~~PCi~~), ~~characterised in that it includes~~ the device comprising:

a memory (~~M~~) ~~capable of storing~~ the identifiers of users in correspondence with lists of at least one communication terminal identifier; and

processing means (~~PM~~) ~~arranged for~~, on receipt of a call request to a ~~user known as a~~ called user (~~Uj~~) ~~from a user known as a~~ calling user (~~Ui~~), ~~to access~~ accessing said memory (~~M~~) in order to extract the lists of identifiers of terminals which are associated with the identifiers of said calling users (~~Ui~~) and said called (~~Uj~~) users, and then ~~to determine~~ determining, from ~~these~~ said extracted lists, a calling terminal and a called terminal which is likely to establish a call between ~~them~~ the calling terminal and the called terminal which satisfies ~~the~~ said call request of ~~the~~ said calling user, in accordance with at least one availability criterion.

2. (currently amended): A device according to claim 1, ~~characterised in that~~ wherein said processing means (~~PM~~) ~~are arranged to determine~~ said calling terminals and said called terminals, as well as a communication medium which is suitable for said calling terminals and said called terminals.

3. (currently amended): A device according to claim 2, ~~characterised in that~~wherein said determined medium ~~is that which is capable of providing~~ is configured to provide for the transmission of the greatest number of different types of data.

4. (currently amended): A device according to claim 1, ~~characterised in that~~wherein said processing means (PM) ~~are suitable for effecting their determination~~ performs the determining in accordance with ~~the a~~ state of availability of ~~the~~ said calling terminals and said called terminals.

5. (currently amended): A device according to claim 4, ~~characterised in that~~wherein said memory (M) ~~is suitable for storing~~ stores said communication terminal identifiers (TMI, TFi and PCi) in correspondence with ~~their~~ said state of availability of said communication terminal identifiers.

6. (currently amended): A device according to claim 1, ~~characterised in that~~wherein the communication which satisfies said request should take place via at least one communication network (N) ~~presenting a state of availability of resources, wherein~~ said processing means (PM) ~~are capable of effecting their determination~~ performs the determining in accordance with the state of availability of said communication network resources (N).

7. (currently amended): A device according to claim 1, ~~characterised in that~~wherein said processing means (PM) ~~are arranged to effect their determination~~ performs the determining in accordance with at least one other ~~criterion, known as the~~ auxiliary criterion.

8. (currently amended): A device according to claim 7, ~~characterised in that~~wherein said processing means (PM) ~~are capable of effecting their determination~~performs the determining in accordance with the state of accessibility of the users, wherein said accessibility constitutes ~~an~~said auxiliary criterion.

9. (currently amended): A device according to claim 8, ~~characterised in that~~wherein said memory (M) ~~is capable of storing~~stores said user identifiers in correspondence with ~~their~~said state of accessibility.

10. (currently amended): A device according to claim 7, ~~characterised in that~~wherein said processing means(PM) ~~are capable of effecting their determination~~performs the determining in accordance with the preferences of terminal use of the calling and/or called users, where said preferences of use constitute ~~an~~said auxiliary criterion.

11. (currently amended): A device according to claim 10, ~~characterised in that~~wherein said memory (M) ~~is capable of storing~~stores said user identifiers in correspondence with a terminal use preference.

12. (currently amended): A device according to with claim 7, ~~characterised in that~~wherein at least one of said users is associated with a company which has defined a policy for the use of terminals and/or media, and that said processing module (PM) ~~are capable of effecting their determination means~~ performs the determining in accordance with said policy of use, wherein said policy of use constitutes an auxiliary criterion.

13. (currently amended): A device according to claim 7, ~~characterised in that~~wherein said processing means (PM) ~~are capable of effecting their determination~~performs the determining in accordance with the level of quality associated with the said calling and/or called users, where said quality levels constitute an said auxiliary criterion.

14. (currently amended): A device according to claim 13, ~~characterised in that~~wherein said memory (M) ~~is capable of storing~~stores said user identifiers in correspondence with a information representing a communication quality level.

15. (currently amended): A device according to claim 7, ~~characterised in that~~wherein said processing means (PM) ~~are capable of effecting their determination~~ performs the determining in accordance with the hierarchical level of the calling and/or called users, wherein said hierarchical level ~~constitutes~~comprises an auxiliary criterion.

16. (currently amended): A device according to claim 15, ~~characterised in that~~wherein said memory (M) ~~is capable of storing~~stores said user identifiers in correspondence with information representing a hierarchical level in said company.

17. (currently amended): A device according to claim 7, ~~characterised in that~~wherein said processing means (PM) ~~are capable of effecting their determination~~performs the determining in accordance with geographical location information of the calling and/or called users, and the topology of at least one communication network in which said communication must take place, wherein said geographical location constitutes an auxiliary criterion.

18. (currently amended): A device according to claim 17, ~~characterised in that~~wherein said memory (M) ~~is capable of storing said~~stores user identifiers in correspondence with information representing a said geographical location.

19. (currently amended): A device according to claim 7, ~~characterised in that~~wherein said processing means (PM) ~~are capable of effecting their determination~~performs the determining in accordance with connection resource availability information of at least one communication network in which said communication must take place, constituting an auxiliary criterion.

20. (currently amended I): A device according to claim 7, ~~characterised in that~~wherein said processing means (PM) ~~are arranged to transmit~~ transmits to said calling user (U) data which are representative of the medium determined for said call.

21. (currently amended): A device according to claim 1, ~~characterised in that~~wherein said processing means (PM) ~~are able~~, after determination of said calling terminals and said called terminals, ~~to order~~orders the establishment of the call between said calling terminals and called terminals.

22. (currently amended): A device according to claim 21, ~~characterised in that~~wherein said processing means (PM) ~~are arranged to order~~ orders said establishment automatically.

23. (currently amended): A device according to claim 21, ~~characterised in that~~wherein said processing means (PM) ~~are arranged to order orders~~ said establishment in the event of receiving an ~~authorisation~~authorization from said calling user (U_i) and or said called user (U_j).

24. (currently amended): A device according to claim 21, ~~characterised in that~~wherein said processing means (PM) ~~are able to determine~~determines another called terminal, and ~~able to establish~~establishes another call between them to satisfy said request, and/or another communication medium, in the event that it is not possible to establish said communication.

25. (currently amended): A call server (CS) ~~for a communication network (N)~~, ~~characterised in that it includes~~comprising at least one management device (D) ~~in accordance with one of the preceding claims~~claim 1.